

Figure 1A

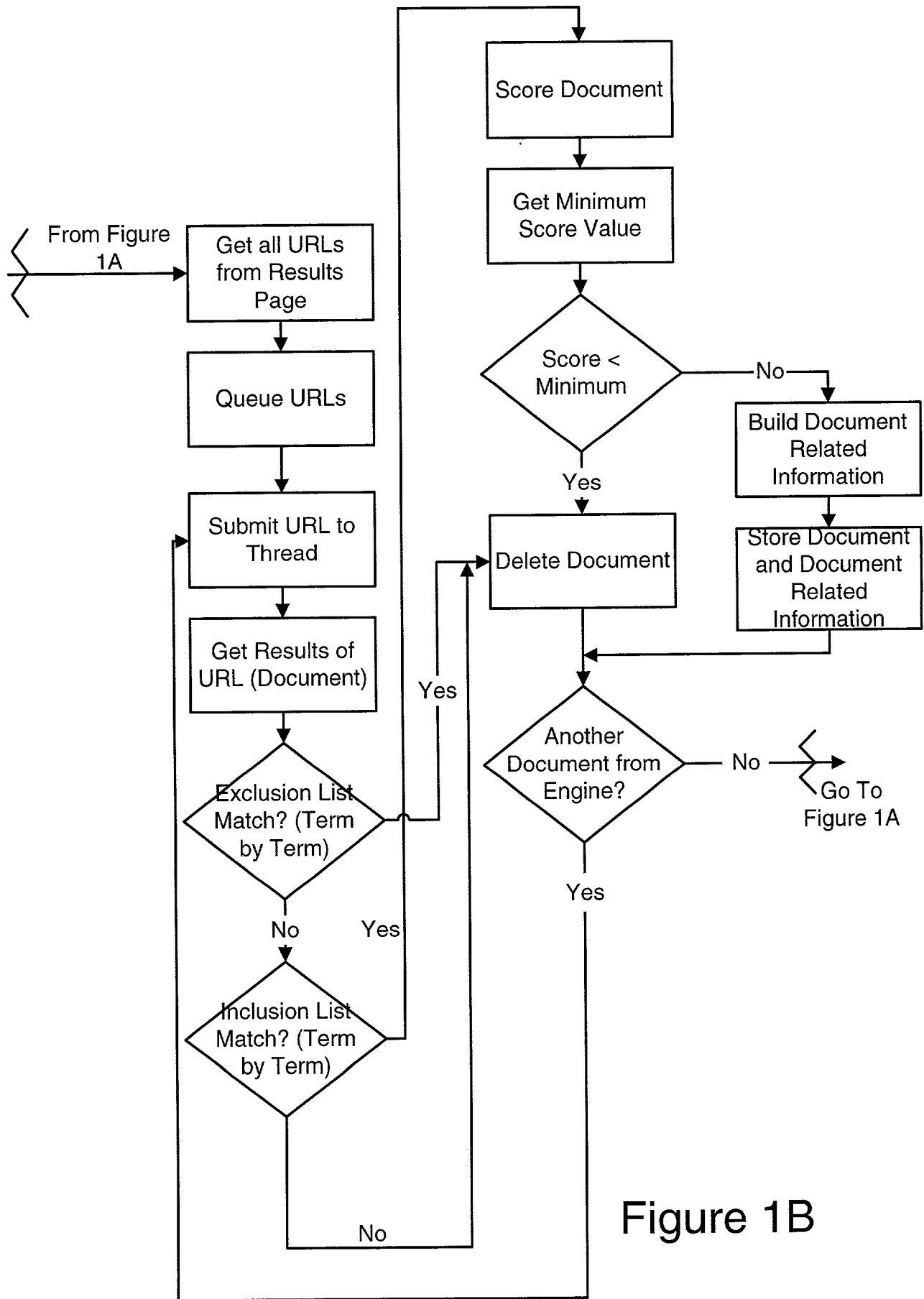


Figure 1B

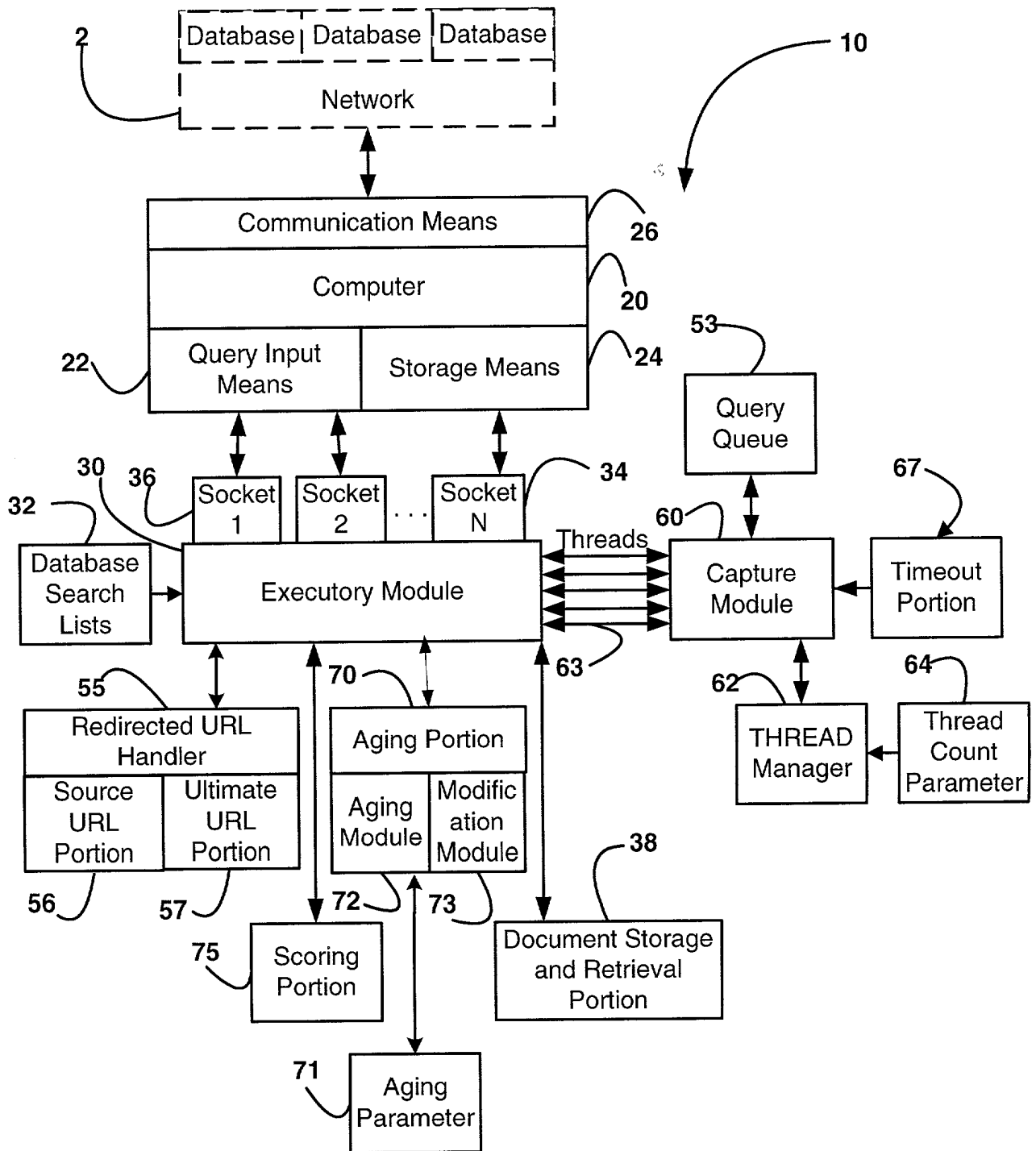


Figure 2

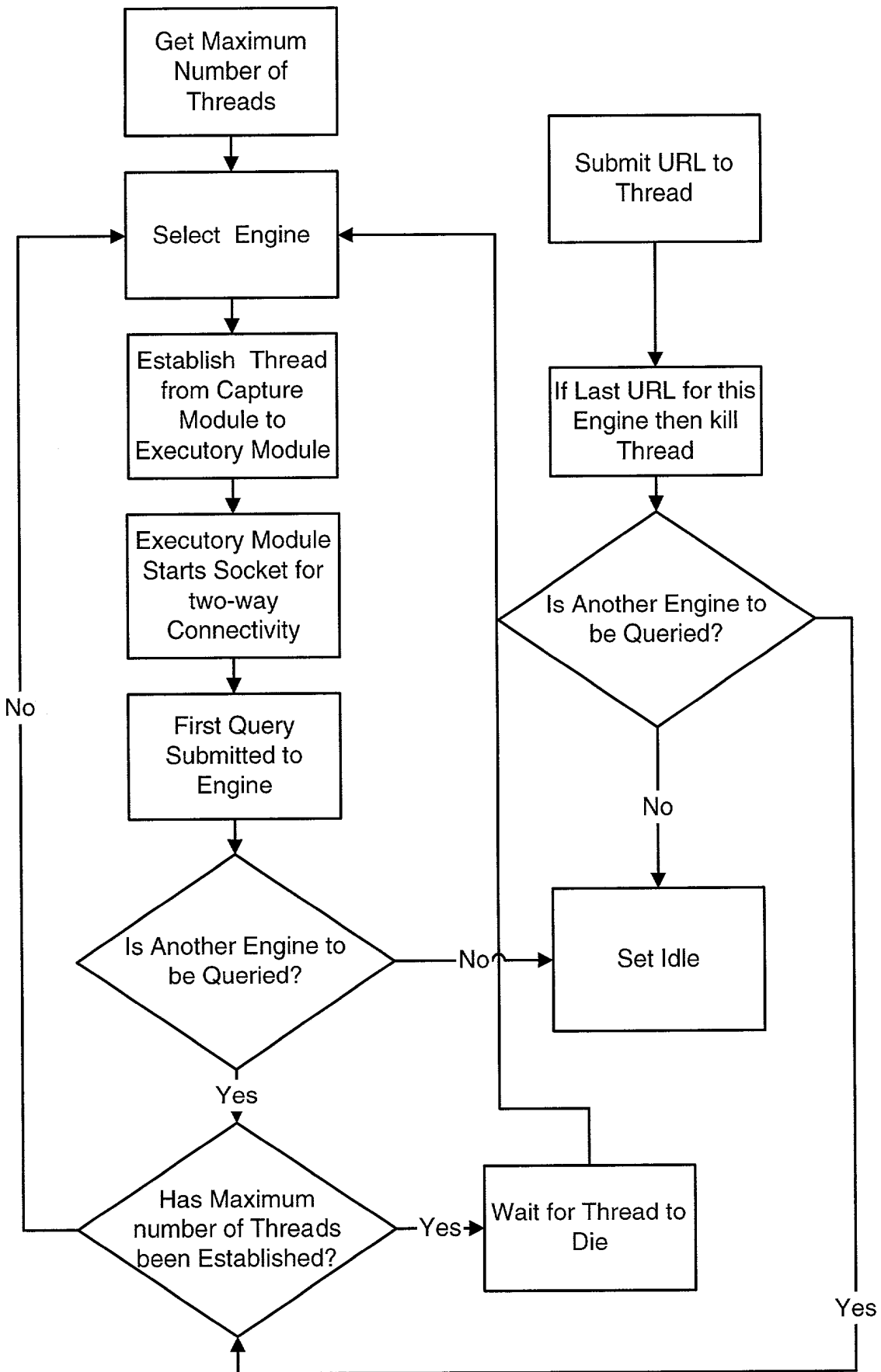


Figure 3

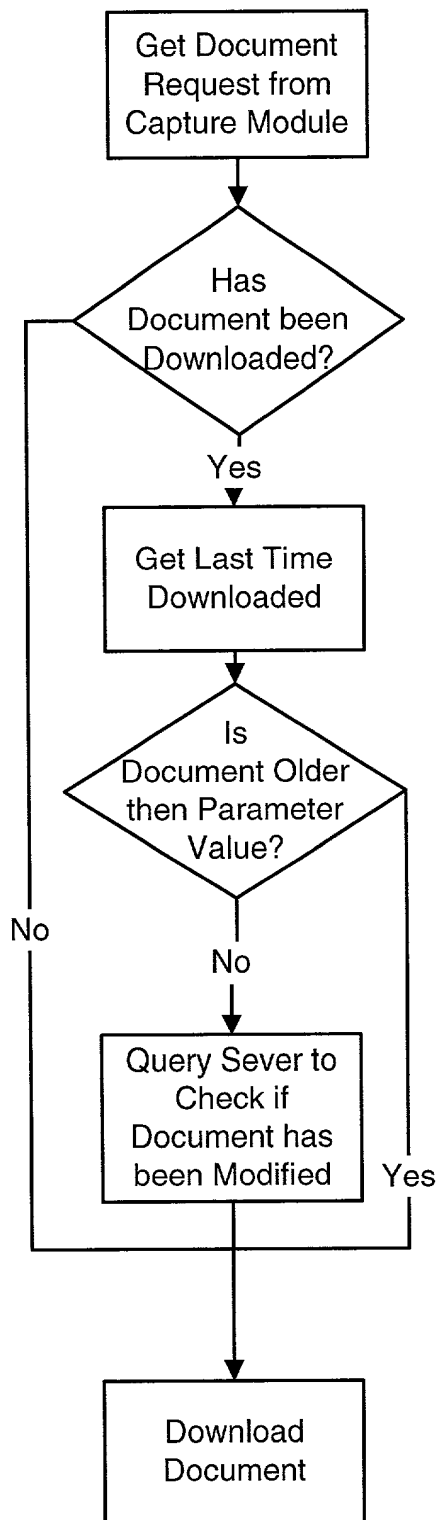


Figure 4

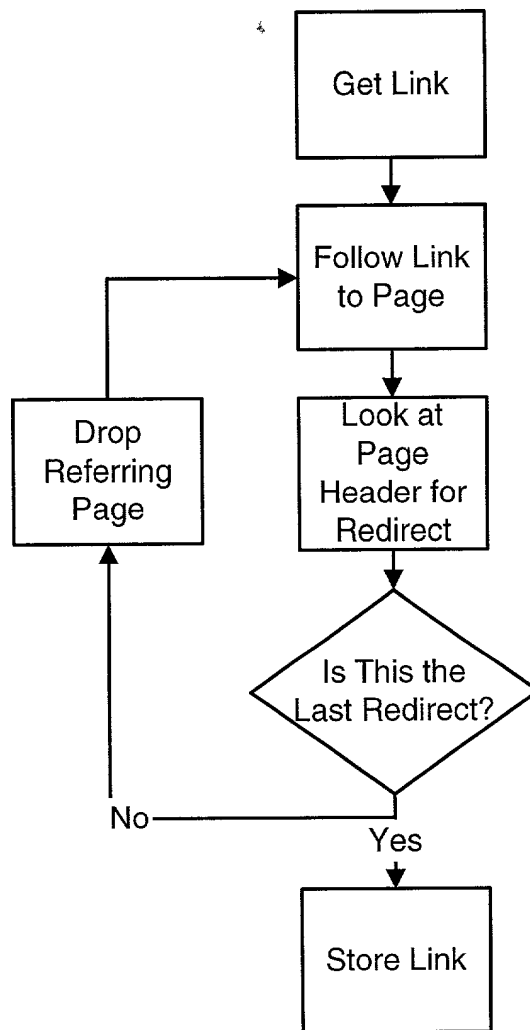
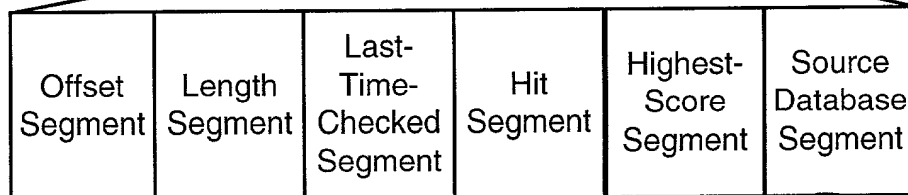


Figure 5

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Document Storage and Retrieving Portion

						Redirected URL Handler	
Document Storage Module	Index Portion	URL	Entity Tag	Record Related Information	Version Control Portion	Source URLs	Ultimate URLs
0	0	0	0	0		0	0
1	1 4 5	1	1	1		1	1
2	3 2 6	2	2	2		2	2
3	.	3	3	3		3	3
.
.	N N-1
.
N-1	B-Tree	N-1	N-1	N-1		N-1	N-1
N	Version URL	N	N	N		N	N



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Figure 6

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Record Related Information					
Offset Segment	Length Segment	Last Time Checked Segment	Hits Segment	Highest Score Segment	Database Segment
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
N-1	N-1	N-1	N-1	N-1	N-1
N	N	N	N	N	N

47 48 49 50 51

Figure 7